

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 B65D81/32 B65D35/22

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
 IPC 7 B65D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 03/006320 A (PROCTER & GAMBLE) 23 January 2003 (2003-01-23)	1,2,4-9
Y	page 1, line 19 - line 29	5
	page 2, line 12 - line 19	
A	page 3, line 1 - line 13	3
	page 6, line 7 -page 7, line 21; figures 1,2	

Y	WO 97/46463 A (COLGATE-PALMOLIVE) 11 December 1997 (1997-12-11)	5
A	page 1, line 28 - line 29; figures	1-3,6
A	US 6 283 316 B1 (SHERMAN) 4 September 2001 (2001-09-04) column 2, line 1 - line 7 column 3, line 18 - line 25; figures	1

	-/-	

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

° Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
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- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search

22 April 2004

Date of mailing of the International search report

07/05/2004

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INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2004/000403

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category ^o	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 941 420 A (CONNAN) 24 August 1999 (1999-08-24) column 3, line 56 -column 4, line 54; figures 2-4 ----- US 5 921 440 A (MAINES) 13 July 1999 (1999-07-13) column 3, line 14 - line 38; figures 15,16 -----	1,2
A		3

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/000403

Patent document cited in search report	Publication date	Patent family member(s)		Publication date
WO 03006320	A 23-01-2003	CA 2449214 A1		23-01-2003
		EP 1406816 A1		14-04-2004
		WO 03006320 A1		23-01-2003
		US 2003106905 A1		12-06-2003
WO 9746463	A 11-12-1997	AT 205154 T		15-09-2001
		AT 208327 T		15-11-2001
		AU 718698 B2		20-04-2000
		AU 3074797 A		05-01-1998
		AU 722898 B2		17-08-2000
		AU 3566997 A		05-01-1998
		BR 9709289 A		10-08-1999
		BR 9709290 A		10-08-1999
		CA 2254337 A1		11-12-1997
		CA 2254338 A1		11-12-1997
		CN 1221384 A ,B		30-06-1999
		CN 1221385 A ,B		30-06-1999
		CZ 9803991 A3		17-05-2000
		DE 69706544 D1		11-10-2001
		DE 69706544 T2		02-05-2002
		DE 69708117 D1		13-12-2001
		DE 69708117 T2		04-07-2002
		DK 909247 T3		07-01-2002
		DK 918698 T3		25-02-2002
		EP 0909247 A1		21-04-1999
		EP 0918698 A1		02-06-1999
		ES 2167757 T3		16-05-2002
		HU 0003316 A2		28-02-2001
		HU 0003736 A2		28-03-2001
		PL 330312 A1		10-05-1999
		PL 330360 A1		10-05-1999
		PT 918698 T		29-04-2002
		TR 9802521 T2		21-04-1999
		TR 9802527 T2		22-03-1999
		WO 9746462 A1		11-12-1997
		WO 9746463 A1		11-12-1997
		US 5954234 A		21-09-1999
		ZA 9704980 A		07-12-1998
		ZA 9704983 A		07-12-1998
US 6283316	B1 04-09-2001	AU 4480599 A		16-11-1999
		CA 2329536 A1		04-11-1999
		EP 1076629 A1		21-02-2001
		JP 2002512928 T		08-05-2002
		WO 9955598 A1		04-11-1999
US 5941420	A 24-08-1999	AT 215479 T		15-04-2002
		AU 734575 B2		14-06-2001
		AU 8769998 A		01-03-1999
		BR 9811831 A		15-08-2000
		CA 2299716 A1		18-02-1999
		CN 1362354 A		07-08-2002
		CN 1266407 T		13-09-2000
		DE 69804627 D1		08-05-2002
		DE 69804627 T2		07-11-2002
		DK 1001903 T3		29-07-2002
		EP 1001903 A1		24-05-2000
		WO 9907611 A1		18-02-1999

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/000403

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 5941420	A	ZA 9807039 A	07-02-2000
US 5921440	A	13-07-1999 NONE	